



# Hazardous Wastes Management (HWM) in Indonesia

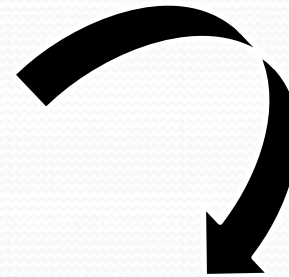
by  
Upik Sitti Aslia Kamil  
F. Binsar Tumindi

Ministry of the Environment  
Republik of Indonesia

*Shenzhen, November 29<sup>th</sup> 2011*

# LEGAL/POLICY BASIS

1. The Law Number 32/2009 regarding Environmental Protection and Management
2. The Law Number 18/2008 regarding Solid Waste Management
3. Government Regulation Number 18/1999 jo. Number 85/1999 regarding Hazardous Wastes Management
4. Government Regulation Number 74/2001 regarding Hazardous Substances Management
5. Government Regulation Number 38/2007 regarding Decentralization Policy
6. Presidential Decree Number 61/1993 regarding the Basel Convention Ratification
7. Kepdal 01/BAPEDAL/09/1995 regarding Storage and Collecting Facilities of Hazardous Wastes
8. Kepdal 02/BAPEDAL/09/1995 regarding Manifest of Hazardous Wastes
9. Kepdal 03/BAPEDAL/09/1995 regarding Technical Requirements of Hazardous Waste Treatment
10. Kepdal 04/BAPEDAL/09/1995 regarding Technical Requirements of Hazardous Waste Landfill
11. Kepdal 05/BAPEDAL/09/1995 regarding Symbol dan Label of Hazardous Wastes
12. Environmental Ministerial Regulation Number 02/2008 regarding Utilization Procedure of Hazardous Wastes
13. Environmental Ministerial Regulation Number 03 of 2008 regarding Symbol and Label of Hazardous Substances
14. Environmental Ministerial Regulation Number 18 of 2009 regarding Procedure of Hazardous Wastes Permit
15. Environmental Ministerial Regulation Number 30/2009 regarding Norm, Standard, Guideline and Criteria for Local Government Policy on Storage and Collecting Facilities of HW
16. Regulation of the Minister of Trade No. 39/2009 regarding Import Regulations for Non-HW



1. Authority Devolution of PLB3 to Regional Government (Regional Autonomy)
2. Medium and Long Term of National Development Planning (RPJMN) 2010-2014
3. Increasing of Industrial development & waste amount that must be managed yearly
4. Comprehensive approach
5. Services Functions (The Law of Public Services)
6. Conventions & International Agreements

# HAZARDOUS WASTE MANAGEMENT

## Article 59 Paragraph 1 - 6 The Law No. 32/2009

- 1) Everyone that produces Hazardous Waste must conduct Hazardous Waste Management.
- 2) In terms of expired Hazardous Materials, its management must follow the Hazardous Waste Management stipulations.
- 3) In the event where everyone is unable to perform their own Hazardous Waste Management, it can be done by someone else.
- 4) Hazardous Waste Management activity must have permission from the Minister, Governor, or Regent/Mayor in accordance to their authority.
- 5) The Minister, Governor, or Regent/Mayor must mention environmental requirements that must be met, along with responsibilities that must be obeyed by Hazardous Waste manager, within the permit.
- 6) The decision of permit/license grants must be publicly announced.

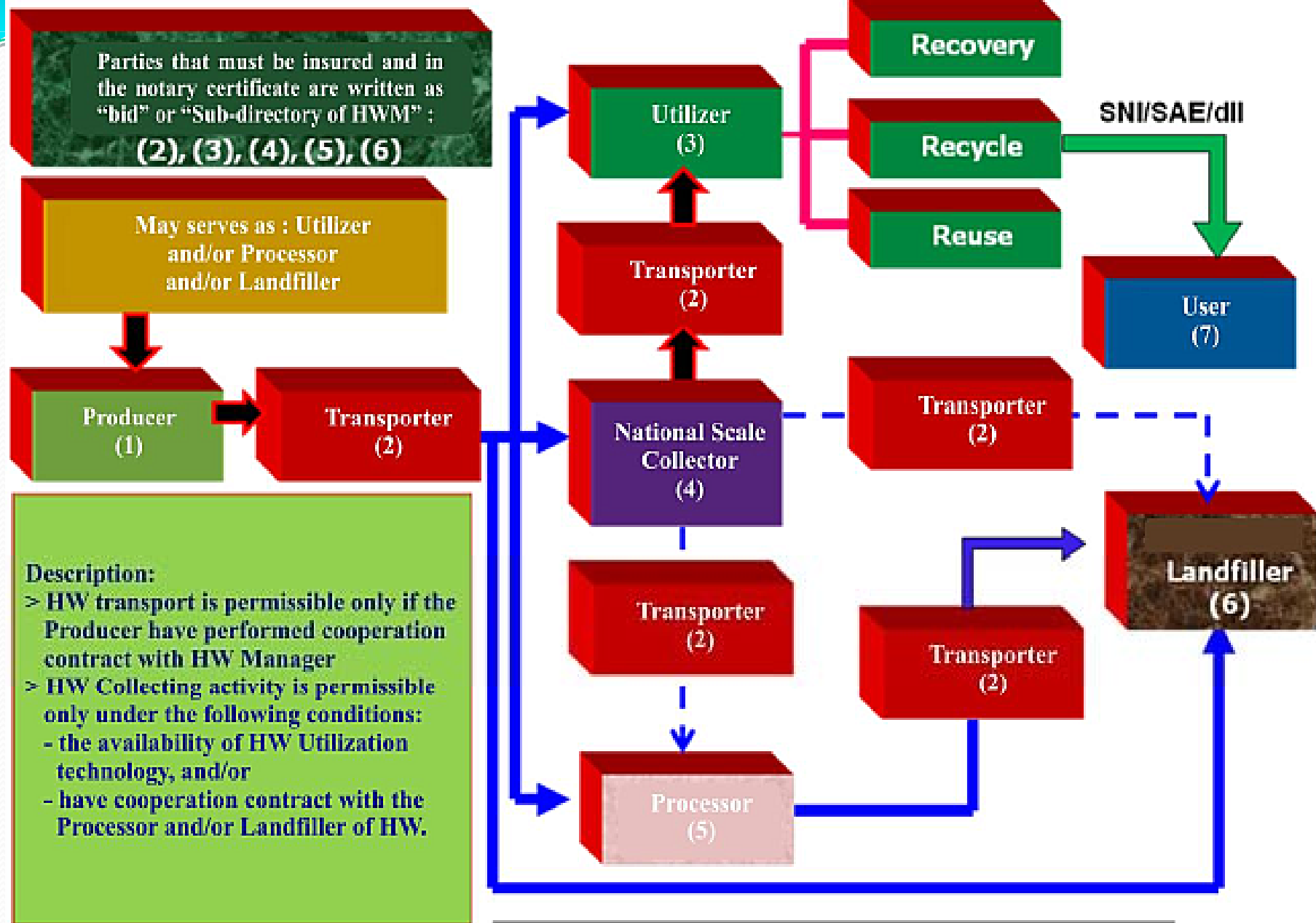
# Prohibitions Policies

## Art. 69 the Law 32/2009

*Every one is prohibited to do the following :*

- point b. Bring in Hazardous Materials prohibited by the Laws into Indonesian territory.
- point c. Bring in wastes from outside of Indonesia into the living environment of Indonesia (Explanation: Except for those governed by the law and regulations)
- point d. Bring in HW into Indonesian territory
- point e. Discard wastes into any environmental media
- point f. Discard HM and HW into any environmental media

# Licensing of Hazardous Waste Management



## Licensing Requirements of HWM

- **Proponent should be a company/legally institution**
- **Proponent should fulfill Ministry of Environment Regulation No. 18/2009 Form regarding the Procedure of Licensing for Hazardous Waste Management**
- **For storage and collection license under Province/District/City scale should fulfill Ministry of Environment Regulation No. 30/2009 Form**

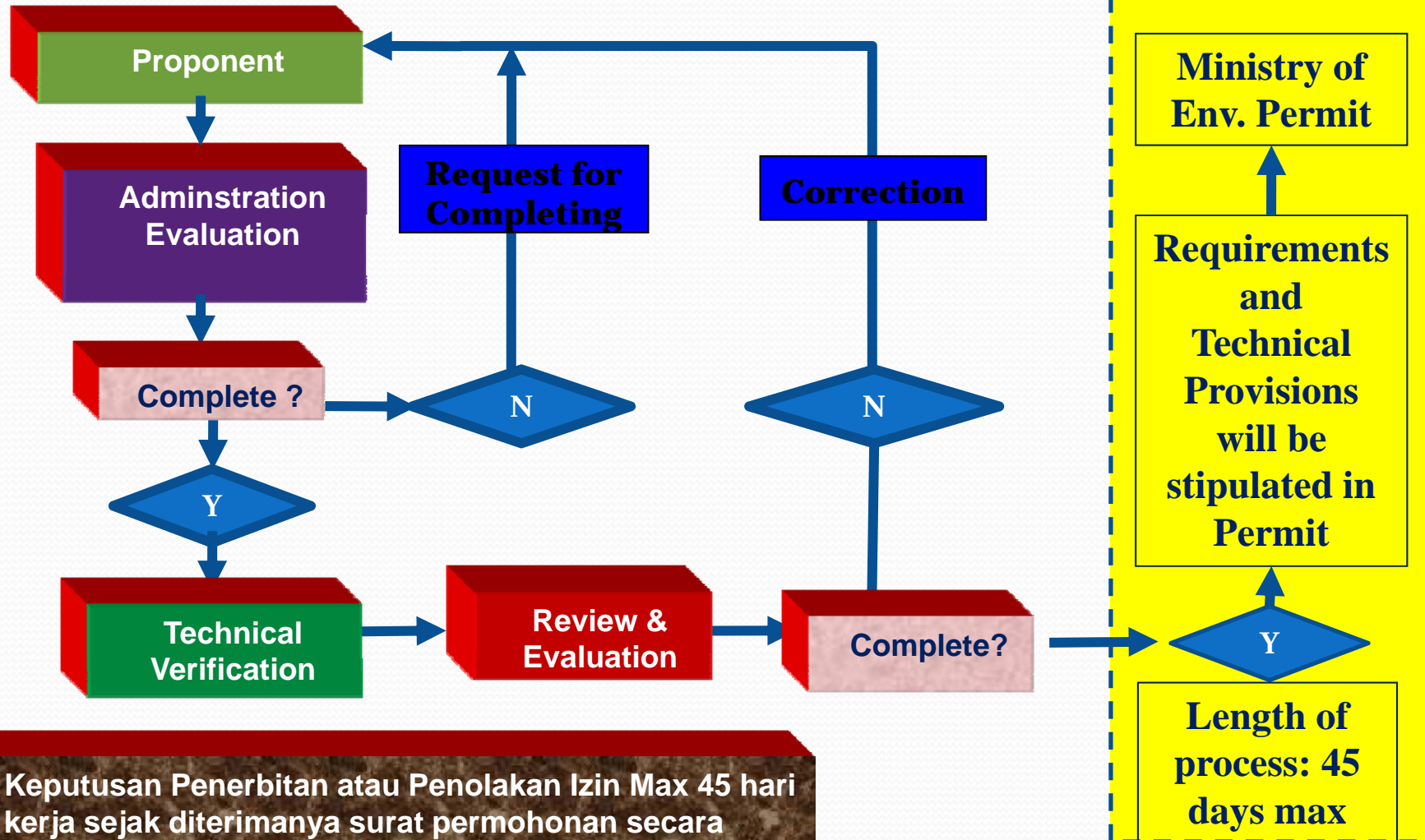
### Documentation Requirements:

- 1). Environmental Document (AMDAL atau UKL-UPL)
- 2). Company Certificate
- 3). Permit of Location
- 4). Permit of Business Activity (SIUP)
- 5). Permit of Building Construction (IMB)
- 6). Disturbance Permit (HO)
- 7). Copy of Pollution Insurance
- 8). Information of Analysis Laboratorium and Technical Staff in HWM
- 10). Information of Location
- 11). Information of Hazardous Waste to be treated (Characteristic, Volume, Types)
- 12). Design Construction of Location
- 14). *Flowsheet* of Hazardous Waste Management Process
- 15). Information of Early Warning System



# SOP of Getting HWM License

## HWM Verification Procedure



Keputusan Penerbitan atau Penolakan Izin Max 45 hari kerja sejak diterimanya surat permohonan secara lengkap dan secara teknis dinyatakan telah memenuhi persyaratan.

# Technical Requirements of Hazardous Waste Management

## 3R

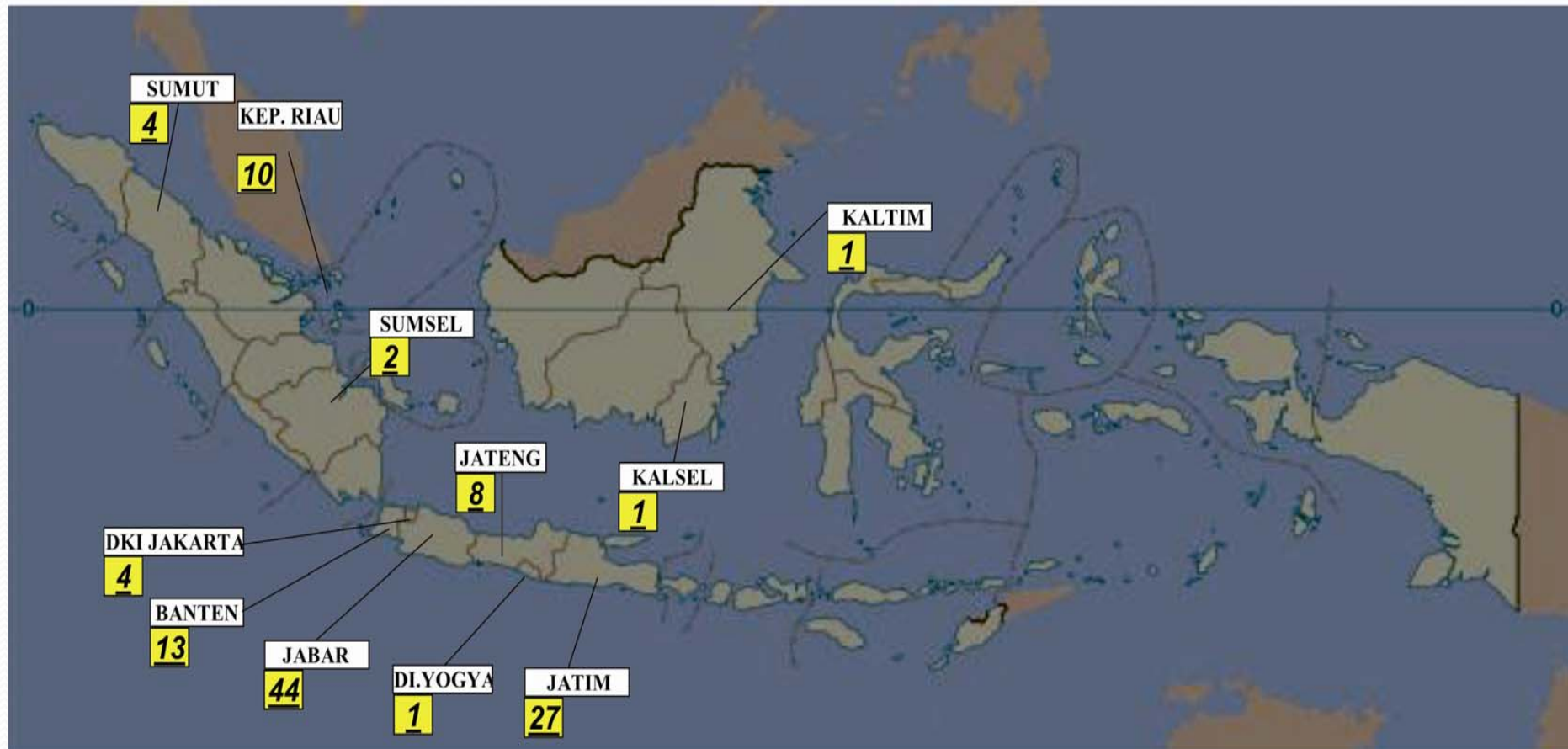
- ⦿ Specification of Technology/Facility and Methodology
- ⦿ Information of HW type, volume, and characteristic
- ⦿ Chemicals and physical data of HW
- ⦿ Material Balance of Process (input and output data)
- ⦿ Detail information of HW sources/generate
- ⦿ Pre-treatment of HW before going to Recovery Facility
- ⦿ Information of the result

## • Treatment

- ⦿ Specification of Technology/Facility
- ⦿ Information of HW type, volume, and characteristic
- ⦿ Detail information of HW sources/generate
- ⦿ Chemicals and physical data of HW
- ⦿ Material Balance of Process (input and output data)
- ⦿ Detail information of HWM pasca treatment



# Mapping of Current Practices of Hazardous Waste Recycling Facilities in Indonesia, 2009 - 2011



# Mapping of Current Practices of Hazardous Waste Treatment Facilities in Indonesia, 2009 - 2011



Ministry of Environment website regarding permit database of HWM:

[http://b3.menlh.go.id/perijinan/article.php?article\\_id=129](http://b3.menlh.go.id/perijinan/article.php?article_id=129)

Firefox

Yahoo! Mail: The best web-based em... x Pengelolaan B3 dan Limbah B3 x +

b3.menlh.go.id/perijinan/article.php?article\_id=129

Google

Yahoo!7 Search SEARCH

Pencarian  GO

Home

Tentang Kami

Kegiatan

3R

Peraturan

Perizinan

Forum Bebas

Bulletin

Kementerian Negara Lingkungan Hidup

**KLIK DISINI**

Database Pengawasan & Penataan Industri

Database Perizinan

**PROPER**

Perlindungan Lapisan Ozon

**DATA REKAPITULASI PERIZINAN PENGELOLAAN LIMBAH B3**

- Rekapitulasi Rekomendasi Pengangkutan Limbah B3 2009-2011.pdf (810 KB)
- rekap pengolahan limbah B3 (limbah kegiatan lain).pdf (133 KB)
- Rekap Pengumpulan Limbah B3.pdf (292 KB)
- Rekap Pemanfaatan Limbah B3 (limbah kegiatan lain).pdf (381 KB)
- rekap pengolahan limbah B3 (limbah kegiatan sendiri).pdf (341 KB)
- Rekap Pemanfaatan Limbah B3 (limbah kegiatan sendiri).pdf (219 KB)
- Rekap Penimbunan Limbah B3.pdf (102 KB)
- Rekap Dumping Limbah B3 2009-2011.pdf (70 KB)

[← kembali](#)



# THANK YOU

C Building - 2nd Floor  
Jl. D.I.Panjaitan Kav.24  
Kebon Nanas, Jakarta  
INDONESIA 13410

Tel: +62-21-85904673/85911114

Website: <http://menlh.go.id>